INTERNATIONAL SEARCH REPORT

Internat Application No PCT/up 03/01354

A. CLASSIF	TCATION OF SUBJECT MATTER								
IPC 7	GO1B5/012 GO1B7/012								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED									
Minimum documentation searched (classification system followed by classification symbols)									
IPC 7 G01B B23Q									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched									
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i .	ata base consulted during the international search (name of data base								
EPO-In	ternal, WPI Data, PAJ, INSPEC, COMPE	INDEX							
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C. DOCUM	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rel	evant passages	Relevant to claim No.						
									
X	US 5 918 378 A (SULLIVAN JONATHAN	IS ET	1,5-8, 13,16,17						
	AL) 6 July 1999 (1999-07-06) column 5, line 37 -column 6, line	52	13,10,1/						
	column 8, line 30 - line 57	, 32							
Ì	figures 2,3,6,11,12		0.4						
Α		İ	2-4, 9-12,14,						
ŀ	·		15,18,19						
X	US 4 979 284 A CAUMURTRY DAVID R	ET AL)	1,5-7						
	25 December 1990 (1990-12-25) column 7, line 54 -column 9, line	a 56							
1	figures 1,14-23	30							
			3						
A	US 5 028 901 A (ENDERLE ECKHARD	ET AL)	1						
	2 July 1991 (1991-07-02) column 3, line 42 -column 5, line	e 27							
	figures 1-4								
Fur	ther documents are listed in the continuation of box C.	Patent family members are listed	in annex.						
Special categories of cited documents:									
A docum	the application but eory underlying the								
consi	dered to be of particular relevance document but published on or after the international	invention "X" document of particular relevance; the	claimed invention						
fitting date *L* document which may throw doubts on priority claim(s) or		cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone							
l which	n is cited to establish the publication date of another on or other special reason (as specified)	"Y" document of particular relevance; the cannot be considered to involve an in	claimed invention						
O docum	nent referring to an oral disclosure, use, exhibition or means	document is combined with one or ments, such combination being obvio	ore other such docu-						
P docum	means ment published prior to the international filing date but than the priority date claimed	in the art. *&* document member of the same patent family							
	e actual completion of the international search	Date of mailing of the international se							
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2	21 July 2003	30/07/2003							
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Internat | Application No PCT/GB 03/01354

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5918378	A	06-07-1999	EP WO JP US	0826136 A1 9735164 A1 11505622 T 6012230 A	04-03-1998 25-09-1997 21-05-1999 11-01-2000
US 4979284	A	25-12-1990	DE DE EP WO JP US	3872226 D1 3872226 T2 0343237 A1 8905210 A1 2502578 T 5101548 A	23-07-1992 03-12-1992 29-11-1989 15-06-1989 16-08-1990 07-04-1992
US 5028901	A	02-07-1991	DE DE EP JP JP	3922296 A1 59001347 D1 0406781 A2 2945996 B2 3044505 A	17-01-1991 09-06-1993 09-01-1991 06-09-1999 26-02-1991